

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S1 | 80 | 713/188.ccls. | USPAT | OR | OFF | 2005/11/10 21:02 |
| S2 | 1 | 713/188.ccls. and "virus signature database" | USPAT | OR | OFF | 2004/09/22 15:40 |
| S3 | 13 | 713/188.ccls. and "virus signature" | USPAT | OR | OFF | 2005/04/20 18:44 |
| S4 | 37 | "virus signature" | USPAT | OR | OFF | 2004/09/22 15:43 |
| S5 | 0 | "virus signature" and (wireless mobile).ti. | USPAT | OR | OFF | 2004/09/22 15:44 |
| S6 | 6 | "virus" and (wireless mobile).ti. | USPAT | OR | OFF | 2004/09/22 15:45 |
| S7 | 49 | "virus" and (wireless mobile).ab. | USPAT | OR | OFF | 2004/09/22 15:45 |
| S8 | 2 | "virus".ab. and (wireless mobile).ab. | USPAT | OR | OFF | 2004/09/22 16:08 |
| S9 | 0 | update with virus with (mobile wireless) | USPAT | OR | OFF | 2004/09/22 16:08 |
| S10 | 7 | update with virus with (mobile wireless) | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 16:11 |
| S11 | 7 | update with virus with (mobile wireless "OTA" air) | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 16:11 |
| S12 | 13967 | SMS USSD | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/22 16:14 |
| S13 | 260 | (SMS USSD) and virus | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/22 16:15 |
| S14 | 8 | (SMS USSD) with virus | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/22 16:15 |
| S15 | 280 | update with (mobile wireless) with channel | USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 18:02 |
| S16 | 35 | update with (mobile wireless) with channel with send\$5 | USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 18:03 |
| S17 | 0 | update with (mobile wireless) with channel with send\$5 and virus | USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 18:02 |

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| S18 | 15 | update with (mobile wireless) with channel with send\$5 and GSM | USPAT; EPO; DERWENT | OR | OFF | 2004/09/22 18:03 |
| S19 | 0 | "GSM" and "signalling channel" and virus | USPAT | OR | OFF | 2004/09/22 18:46 |
| S20 | 8 | "GSM" and "signalling channel" and (send with update) | USPAT | OR | OFF | 2004/09/22 18:49 |
| S21 | 0 | "GSM" and "signalling channel" same (send with update) | USPAT | OR | OFF | 2004/09/22 18:49 |
| S22 | 190 | "GSM" and "signalling channel" | USPAT | OR | OFF | 2004/09/22 18:54 |
| S23 | 6 | "GSM" and "signalling channel" with send | USPAT | OR | OFF | 2004/09/22 18:56 |
| S24 | 0 | "signalling channel" with virus | USPAT | OR | OFF | 2004/09/22 18:56 |
| S25 | 5 | "signalling channel" with update | USPAT | OR | OFF | 2004/09/22 19:16 |
| S26 | 139 | (SMS USSD) with update | USPAT | OR | OFF | 2004/09/22 19:16 |
| S27 | 10 | (SMS USSD) with update with send | USPAT | OR | OFF | 2004/09/22 19:17 |
| S28 | 334 | (SMS USSD) with send | USPAT | OR | OFF | 2004/09/22 19:17 |
| S29 | 0 | (SMS USSD) with send and virus | USPAT | OR | OFF | 2004/09/22 19:17 |
| S30 | 73 | (SMS USSD) with send with data | USPAT | OR | OFF | 2004/09/23 11:20 |
| S31 | 39 | (SMS USSD) and GSM and "signalling channel" | USPAT | OR | OFF | 2004/09/23 11:20 |
| S32 | 0 | virus with update.ti. | USPAT | OR | OFF | 2004/09/29 14:05 |
| S33 | 0 | viru\$5 with update.ti. | USPAT | OR | OFF | 2004/09/29 14:06 |
| S34 | 6 | vir\$5 with update.ti. | USPAT | OR | OFF | 2004/09/29 14:06 |
| S35 | 1 | (viral virus) with update.ti. | USPAT | OR | OFF | 2004/09/29 14:07 |
| S36 | 5 | (viral virus) with update.ab. | USPAT | OR | OFF | 2004/09/29 14:09 |
| S37 | 4 | (viral virus) with update.ab. and virus with update | USPAT | OR | OFF | 2004/09/29 14:15 |
| S38 | 6 | virus with signature with update | USPAT | OR | OFF | 2004/09/29 14:17 |
| S39 | 1 | "6430409".pn. | USPAT | OR | OFF | 2005/04/20 18:54 |
| S40 | 1 | (signal\$6 adj (channel path)) with (virus with update) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:55 |
| S41 | 1 | (signal\$6 adj (channel path)) with (application with update) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:56 |

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| S42 | 13 | (signal\$6 adj (channel path)) with (mobile with update) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 19:03 |
| S43 | 42 | (signal\$6 adj (channel path)) with (update) same (mobile cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 11:35 |
| S44 | 146 | virus with (SMS USSD) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 11:39 |
| S45 | 20 | virus with updat\$3 with (mobile wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 11:48 |
| S46 | 279 | virus with (mobile wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 11:49 |
| S47 | 64 | virus with (mobile wireless) and "713"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 12:00 |
| S48 | 215 | virus with (mobile wireless) not "713"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 12:01 |
| S49 | 178 | virus with (mobile wireless) not "713"/\$.ccls. not "435"/\$.ccls. not "422"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 12:02 |

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| S50 | 149 | virus with (mobile wireless) not "713"/\$.ccls. not "435"/\$.ccls. not "422"/\$.ccls. not "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/21 12:02 |
| S51 | 9 | (virus) with (update\$4) with (request\$2) | USPAT | OR | OFF | 2005/10/20 18:38 |
| S52 | 32 | (virus) with (update\$4) with (request\$2) | US-PGPUB | OR | OFF | 2005/10/20 18:29 |
| S53 | 0 | "6035423".pn. | US-PGPUB | OR | OFF | 2005/10/20 18:29 |
| S54 | 1 | "6035423".pn. | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:29 |
| S55 | 1 | "6269456".pn. | USPAT | OR | OFF | 2005/10/20 18:31 |
| S56 | 4 | USSD near5 (concatenat\$3 combin\$3) | USPAT | OR | OFF | 2005/10/20 18:39 |
| S57 | 6 | USSD near5 (concatenat\$3 combin\$3) | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:39 |
| S58 | 3 | USSD with (concatenat\$3) | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:40 |
| S59 | 66 | SMS with (concatenat\$3) | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:41 |
| S60 | 1 | SMS with (concatenat\$3) same virus\$2 | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:41 |
| S61 | 1 | SMS with (concatenat\$3) same updat\$3 | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:41 |
| S62 | 1 | SMS with (concatenat\$3) same file\$2 | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:42 |
| S63 | 3 | SMS with (concatenat\$3) same software | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:45 |
| S64 | 66 | SMS with (concatenat\$3) | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:48 |
| S65 | 0 | SMS with dat with file\$2 | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:49 |
| S66 | 0 | USSD with dat with file\$2 | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:49 |
| S67 | 0 | USSD with dat | US-PGPUB; USPAT | OR | OFF | 2005/10/20 18:49 |
| S68 | 3 | SMS with dat | US-PGPUB; USPAT | OR | OFF | 2005/10/20 20:19 |
| S69 | 2 | "5835727".pn. "6256671".pn. | US-PGPUB; USPAT | OR | OFF | 2005/10/20 20:19 |

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|-----|-------|--|---|----|-----|------------------|
| S70 | 43599 | (signal\$4 adj (channel link)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 16:15 |
| S71 | 396 | (signal\$4 adj (channel link)) with (updat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 16:15 |
| S72 | 98 | (signal\$4 adj (channel link)) with (updat\$4) same (wireless mobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 16:56 |
| S73 | 288 | security\$4 with (updat\$4) with (wireless mobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 22:19 |
| S74 | 0 | security\$4 with (updat\$4) with (wireless mobile) same (signalling adj channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 16:57 |
| S75 | 1 | security\$4 with (updat\$4) with (wireless mobile) same (ss7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 17:03 |
| S76 | 10 | leppek.in. and "encryption footprint" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 17:14 |
| S77 | 1 | leppek.in. and "encryption footprint" and input | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 17:12 |

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|-----|--------|---|--|----|-----|------------------|
| S78 | 152181 | (mobile\$4 cell\$4 wireless) adj phone\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/11 22:19 |
| S79 | 57 | S78 and (virus adj signature\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:35 |
| S80 | 2 | "6622150".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:36 |
| S81 | 0 | "6622150".pn. and phone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:36 |
| S82 | 0 | "6622150".pn. and wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:36 |
| S83 | 0 | "6622150".pn. and mobile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:36 |
| S84 | 0 | "6622150".pn. and signalling | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:45 |
| S85 | 3 | "6873988".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:47 |

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|-----|-------|---|--|----|----|------------------|
| S86 | 65 | (mobile cell cellular wireless) adj phone with virus\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:48 |
| S87 | 88981 | (mobile cell cellular wireless) with virus\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/11 22:48 |
| S88 | 65 | (mobile cell cellular wireless) adj phone with virus\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:48 |
| S89 | 1506 | MAP with security | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:48 |
| S90 | 0 | MAP adj security\$2 and SS& | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:48 |
| S91 | 2 | MAP adj security\$2 and SS7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:49 |
| S92 | 0 | virus\$2 with updat\$2 with SS7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:49 |
| S93 | 0 | virus\$2 with SS7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:49 |

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|------|------|---|---|----|----|------------------|
| S94 | 2 | softwar\$2 with updat\$4 with SS7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:52 |
| S95 | 201 | updat\$4 with SS7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:52 |
| S96 | 62 | updat\$4 with SS7 and (SMS USSD) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:52 |
| S97 | 11 | updat\$4 with SS7 same (SMS USSD) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:56 |
| S98 | 553 | WAP with (signal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:56 |
| S99 | 20 | WAP with (signal\$4 adj (path channel link)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:00 |
| S100 | 1606 | WAP and GSM and (USSD SMS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:00 |
| S101 | 7 | WAP and GSM and (USSD SMS) and (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:18 |

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|----------|-------|--|---|----|-----|------------------|
| S10 2 | 50 | (USSD SMS) and (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:18 |
| S10 3 | 8 | (USSD SMS) same (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:20 |
| S10 4 | 9 | (USSD SMS) same ((malware spyware virus) adj (updat\$2 signature\$2 definition\$4 pattern\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 15:50 |
| S10 5 | 9 | (USSD SMS SS7) same ((malware spyware virus) adj (updat\$2 signature\$2 definition\$4 pattern\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 16:05 |
| S10 6 | 18 | f-secure.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 16:06 |
| S10 7 | 11 | f-secure.as. and (mobile\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 16:18 |
| S10 8 | 3 | f-secure.as. and SMS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 16:19 |
| S10 9 | 28050 | ((short adj message adj service) (SMS)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/12 21:13 |

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|----------|------|---|---|----|-----|------------------|
| S11 0 | 4998 | ((short adj message adj service) (SMS)) same (wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/12 21:13 |
| S11 1 | 2 | ((short adj message adj service) (SMS)) same (wireless) same (virus\$2 with updat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/12 21:15 |
| S11 2 | 296 | ((short adj message adj service) (SMS)) same (wireless) same (updat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/12 21:15 |
| S11 3 | 310 | ((short adj message adj service) (SMS)) same (wireless) same (updat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 21:16 |
| S11 4 | 24 | ((short adj message adj service) (SMS)) same (wireless) same (software with updat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 21:16 |